

INTERNATIONAL SEARCH REPORT

Internati Application No
PCT/IB 03/04134

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L23/495

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ, WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 19, 5 June 2001 (2001-06-05) -& JP 2001 035868 A (NEC CORP), 9 February 2001 (2001-02-09) abstract	1-3, 6-9
Y	----	4, 5, 10
Y	PATENT ABSTRACTS OF JAPAN vol. 0174, no. 31 (E-1411), 10 August 1993 (1993-08-10) -& JP 05 090464 A (SANYO ELECTRIC CO LTD), 9 April 1993 (1993-04-09) the whole document	4, 5, 10
A	----- US 6 249 433 B1 (JAO JUI-MENG ET AL) 19 June 2001 (2001-06-19) the whole document ----- -/-	1, 3, 8, 9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

8 January 2004

Date of mailing of the international search report

22/01/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) -& JP 2000 307017 A (HITACHI LTD), 2 November 2000 (2000-11-02) the whole document	6,7
P,A	-& US 6 479 888 B1 (HIRASHIMA TOSHINORI ET AL) 12 November 2002 (2002-11-12) the whole document -----	6,7

INTERNATIONAL SEARCH REPORT

information on patent family members

Internat

Application No

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			US 6479888 B1	12-11-2002
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			US 6573119 B1	03-06-2003